

**GAS LIGHTING.—COST OF COAL IN LONDON AND MANCHESTER.**—With reference to some recent remarks on the "Profit of Gas, at Manchester," a Manchester correspondent says:—"I have just noticed the remarks in the *BUILDER*, on the Manchester Corporation Gas Works, and think it as well to state, for your information, the facts of the case. That Wigan canal costs in London 20s. per ton, and that the coke it produces is worth 5s. per ton may be perfectly correct, but Wigan canal is not the material used generally for making gas in London, but Newcastle coal, which I believe can be bought at 13s. per ton, and the coke it produces sold for 10s. or 11s. per ton. The Wigan canal is only used in small quantities by the London Gas Companies, for the purpose of improving the quality of their gas, otherwise they would not use so expensive a material. The gas produced from Wigan canal is from 50 to 75 per cent. higher in illuminating power than Newcastle coal gas, and hence its value in London. Now, if the price of gas in London is 4s. for 1,000 cubic feet, and in Manchester 5s., and the latter gives, say 50 per cent. more light, it will cost 6s. for the same quantity of light in London as in Manchester can be got for 5s. This is the correct view of the case. It is true, in the *Manchester Guardian*, of April 10th, the word 'canal' alone is used, but I should think this is a misprint, or perhaps the mistake was made by using the term 'canal' in place of 'coal.' He thinks that our previous correspondent, who stated 'facts' in reply to, and in correction of, our first paragraph on this head, 'does not know the subject he writes about.'"

**SPINNING MILLS IN IRELAND.**—An Irish correspondent sends us an account of the laying of the foundation-stone of the Erne Flax-spinning Mills, near Ballyshannon, the property of Mr. King, late of Manchester, with a request that as we are bringing unfortunate Ireland before the building public, we will note the occurrence of a circumstance of so much interest. The building in question will be of considerable dimensions, and will be fitted up with machinery, impelled by one of Thomson's vortex waterwheels of about 150 horse power. The plans, &c. have been furnished by Mr. Paul McHenry, of Belfast, civil engineer, who, by the way, is about to introduce a mode of fire-proofing with malleable iron, and a peculiar form of hollow brick, avoiding cast-iron, excepting for columns.

**METROPOLITAN WATER SUPPLY COMMITTEE.**—The committee after having heard the general evidence on the New River (Improvement of Supply) Bill, the New River and East London Bill, the East London Amendment Bill, and the River Lee Trust Bill, were of opinion that recourse must be had to the river Lee and its tributaries in the neighbourhood of Hertford and Ware for a supply of water to the northern and eastern districts of the metropolis. They were therefore dissatisfied with all the four Bills before them, and disposed to stop proceedings, in the hope that the parties interested in the various schemes might come to some arrangement for a proper supply. The committee then proceeded to consider the Bill of the River Wendle Water and Sewerage Company.

**SCOTTISH SOCIETY OF ANTIQUARIES.**—A meeting of this Society was held in their hall, in George-street, Edinburgh, on Monday week, Mr. B. Chambers in the chair. Donations from the Treasury were presented. A paper, by Mr. W. F. Skene, on some ancient Gaelic inscriptions on Scottish monuments, was then read. A communication by Dr. D. Wilson, on the history and architectural features of the ancient church of St. Cuthbert at Coldingham, was also laid before the meeting, with illustrative drawings, &c. recently executed by Mr. P. Hamilton, architect, who was present, and proposed certain restorations of the building. Attention was called to the Congress of the Archaeological Institute at Newcastle, on the 30th of June.

**EMIGRATION OF ENGINEERS.**—The Amalgamated Society of Operatives are now endeavouring to procure funds to enable their unemployed members to emigrate with their families.

**LONDON NECROPOLIS AND NATIONAL MAUSOLEUM BILL.**—This Bill has been read a third time and passed.

**THE EXHIBITION BUILDING.**—The Committee for the preservation of the structure on its present site, having failed in its efforts, has formally dissolved itself, discharging all its liabilities, and presenting its honorary secretaries with an acknowledgment of their services in the substantial shape of fifty guineas each.

**ST. MICHAEL'S CHURCH, WOOD STREET, in the City,** has been considerably injured by the opening of the ground for sewers. Its walls have been shored up, and an architect called in to examine and advise. Where does the blame rest? The church was built from the designs of Sir Christopher Wren, in 1675.

**THE IRON TRADE.**—Quotations are said to be "creeping up a little towards the nominal prices," and hopes of "a move in the right direction" are being entertained for the hundredth time by the advocates of higher prices. Orders for rails from India, America, and the Continent, appear to have given some increased employment in the meantime to the furnaces.

**DERBY.**—In a report to the Derby council, Mr. H. I. Stevens offers a series of suggestions with reference to a scheme for certain enlargements and alterations of the markets, erection of baths and washhouses, and other improvements in the appropriation of corporation property. The object of the report is to induce the corporation to act on a comprehensive plan in carrying out minor improvements, to however small or partial an extent. The scheme in question, as a whole, also comprises the formation of new streets, bridges, and railway connections.

#### TENDERS

For the New Market House, Swindon. Mr. S. Sage, architect.

Frampton	.....	£1,340	0	0
Barrett	.....	1,218	7	0
Phillips	.....	1,196	0	0
Major	.....	1,185	0	0

For new brewery, Dublin. Mr. Robt. Dawson, London: architect. Quantities taken out by Mr. E. P. Gribbin, of Dublin, architect.

Cookburn	.....	£6,660	0	0
Erberts	.....	6,600	0	0
Monborough	.....	6,260	0	0
Butler	.....	5,850	0	0
Murphy	.....	5,800	0	0
Barker	.....	5,970	0	0
Conolly	.....	5,708	0	0
Williams	.....	5,465	0	0
Doonan	.....	5,390	0	0
Boardwood (accepted)	.....	5,100	0	0
Farrell	.....	5,060	0	0

The above does not include plant, but simply for the brewery and storehouse; the former covering an area of 5,332 feet, and the latter 3,300 feet. The external work is to be rubble masonry, with granite string courses, door-jambes, window moldings, &c.; rusticated quoins and large gateway of the same material.

Received on the 10th May for the erection of the St. Pancras Almshouses. Mr. James E. Colling, architect. Quantities prepared by Mr. James Roberts, of Norwich.

Macey and Son	.....	£6,797	0	0
Ward	.....	6,090	0	0
Patience	.....	5,921	0	0
Locke and Nasham	.....	5,736	0	0
Wood (Gravesend)	.....	5,687	0	0
H. W. Cooper	.....	5,608	0	0
Mildwater	.....	5,479	0	0
Reading	.....	5,315	10	0
Thompson and Crosswell	.....	5,350	0	0
Rowland and Evans	.....	5,300	0	0
Hedkin	.....	5,000	0	0
Hopkins and Roberts	.....	1,965	0	0
(accepted)	.....	1,965	0	0
Jones	.....	4,490	17	0

#### TO CORRESPONDENTS.

"E. M., "J. Y." (thanks), "E. C. P." (thanks), "T. N., "R. B., "J. T., "W. I., "C. A. Co., "J. B., "C. C., "J. G., "E. F. H., "O. H. S., "O. W. E., "J. C. P." (depends on locality: he should consult his architect), "A. B." (rough mortar laid upon sand boarding placed between the joists of the ceiling above, called *pugging*, will lessen the annoyance), "Member of the Sewing Committee," "J. W., "E. H. (under our mark), "M. (ditto), "W. M. Bevenbrook" (fastening with canvas is expensive and liable to injury: use hollow bricks), "B. H." (we wait for diagrams), "W. M. Lambeth," "H. L., "J. B. W., "O. W., "C. R. R., "B. G., "E. G., "A. Pinchock Brick," "T. B. S., "J. C., "R. L. S., "W. P., "C. G., "W. P. O., "A. Short Fellow," "O. H. S." (drawing shall be returned when done with), "J. B., St. Pancras," "J. W. P."

"Books and Addresses."—We have not time to point out books or find addresses.

**NOTICE.**—All communications respecting advertisements should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the Editor, and not to the Publisher.

#### ADVERTISEMENTS.

##### 10 ARCHITECTS & WRITERS ON ARCHITECTURE

**THE PROPRIETORS OF "THE BUILDER"** having taken Freeman well situated and adapted for conducting a Publishing Business, beg to state that they will be happy to undertake the publication of all works of a literary or scientific nature, or the Fine Arts, being especially prepared to publish for Authors any other annuals, lectures, or papers for the publication of Works of the above description.

Office of "The Builder," 1, York-street, Covent Garden.

##### MASONS' PROVIDENT INSTITUTION.

A PUBLIC DINNER, in aid of the funds of the above Institution, will be held on THURSDAY, JUNE 17th, at the FREE MASON'S Tavern, Great Queen-street, near St. James's Palace. The Right Hon. LORD ROBERT GOSCHEN in the Chair.

**HONORARY STEWARDS.**  
 Theo. Hume, esq., M.P. Alderman  
 James Chadwick, esq.  
 Sir J. Duke, Bart. M.P. Alderman  
 Geo. Sir De Laet Evans, M.P.  
 W. Freeman, esq. Treasurer  
 John Foot, esq.

**ACTING STEWARDS.**  
 Wm. Eastwood, esq. M.P.  
 W. J. Gilbert, esq.  
 Wm. Hanman, esq.  
 Wm. Lamb, esq.  
 G. B. Thompson, esq.

Further particulars, and an enlarged list of stewards, will be sent on future advertisement. The committee meet on Wednesday evenings from eight to ten o'clock, at Freemasons Hall, Water-land, where every information may be obtained; or of the Secretary, at his residence, 1 Johnson-street, Westminster.

JOSEPH T. WHITEHEAD, Secretary.

**TO PLUMBERS, GLAZIERS, AND PAINTERS.**  
**WANTED, a PARTNER** to take the principal management of the business, or to Discharge the duties, which has a first-rate connection. For particulars apply to ROBERTSON and CO., 104 Strand, White, London.

**TO TIMBER MERCHANTS AND BUILDERS.**  
**PARTNER WANTED,** in an old-established business in the trade of TIMBER MERCHANT and BUILDER. A gentleman having from 1840 to 1845, to 1848, either immediately or in a few months, will be admitted to all the advantages of an excellent connection, with the experience of local knowledge possessed by the advertiser, who has, in connection with his late partner, successfully carried on the business for the last sixteen years upon premises peculiarly well adapted for the purpose, being immediately connected with the railways, a train from one of which running into the workshops. The advertiser has a favourable opportunity for the investment of capital, with every prospect of a large return. For further particulars, address either by letter, post paid, to A. R. at George Brown, an auditor, 5, Tottenham-yard.

**AN ARCHITECT AND SURVEYOR** in one of the principal towns in Lancashire, who has been in the profession nearly twenty years, is desirous of meeting with a first-class PRACTICAL ARCHITECT, a first-class Office of "The Builder," 1, York-street, Covent Garden.

**PUPIL WANTED.**—The Surveyor to one of the Local Boards of Health in the Province has a VACANCY in his Office for a respectable Youth as a Pupil. Premium 10s. Address P. K. D. Office of "The Builder," 1, York-street, Covent Garden.

**TO ARCHITECTS AND GUARDIANS.**  
**AN ARCHITECT** in good practice has a VACANCY for a gentlemanly Youth as a PUPIL. Address Mr. A. R. Moore, Brown and King, Wholesale Stationers, Upper Thames-street, London.

**AN ARCHITECT** requires an efficient ASSISTANT, in his office. Applicants to direct to H.C. Moore, Barker and White, New Agents, Fleet-street.

**TO ARCHITECTURAL DRAUGHTSMEN.**  
**AN ARCHITECT** in the Country is in immediate want of a first-rate clear and rapid DRAUGHTSMAN, he must be thoroughly skilled in perspective, well acquainted with details of Gothic architecture, have a good hand for sketching in ink and wash, and be an artistic colourist. Address making terms which must be moderate, references, &c. to ARCHITECT, Office of "The Builder," 1, York-street, Covent Garden.

**TO PLUMBERS, PAINTERS, &c.**  
**WANTED, by a Young Man** a Three-hand band, a PERMANENT SITUATION in the above business. Address—Direct, A. T. 14 Great George-street, Hereford.

**TO EXPERIENCED ARCHITECTURAL DRAUGHTSMEN.**  
**WANTED, several experienced ARCHITECTURAL DRAUGHTSMEN** to apply to Mr. WELLS, Architectural Library, 8, St. Mark's, High Holborn.

**TO COMMISSION TRAVELLERS.**  
**WANTED, a TOWN TRAVELLER,** acquainted with the trade of the above business. Good demand. Apply to PHILIP HARE & CO., St. Mark-lane.

**WANTED, in the Office of a SURVEYOR** of extensive practice, a TOWN PERSON, who is well versed in the business, and is in the usual position of a Surveyor. References required. Address, A. T. 14 Great George-street, Hereford.

**TO JOINERS AND MASONS.**  
**WANTED immediately, several first-rate JOINERS, or BENCH HANDS.** Also, experienced MASONS, to take the management of that branch of the Trade. For further particulars, address A. Z. K. Office of "The Builder," 1, York-street, Covent Garden.

**TO ACCOUNTANTS.**  
**WANTED, in a Builder's Office,** in a Provincial Town, a CLERK, from 18 to 20, thoroughly competent to undertake the entire management of the Books and Accounts, who has had experience with a Railway Contractor, preferred. Letters stating Age, References, Salary expected, to be addressed to J. R. Miller and Field, Bridge-road, Lambeth.

**TO ARCHITECTS' ASSISTANTS.**  
**WANTED, in the Country, by an Architect and Engineer, an ASSISTANT.** He must be well acquainted with perspective and Levelling, and competent to make Plans of an Architect's office. Applications stating age and references, with the salary required, to address A. R. Post-office, 3, Tottenham-yard.

**WANTED, immediately, a first-rate practical CLERK,** by a Architect in a large provincial town. He must be thoroughly acquainted with all matters of construction, measurement of iron, wood, and stone work, and superficial measurement of buildings, very rapid in getting out working and detail drawings, quantities, measurements, and calculations, and being an essential requirement, and extremely active and business-like. He will be required to superintend the office. A knowledge of Surveying is also desirable. He need apply who have not had from fifteen to twenty years' practical experience. Salary offered, two-and-a-half guineas per week. Every letter will be acknowledged, and will be answered. References required. T. R. Office of "The Builder," 1, York-street, Covent Garden.